



I. Winding Stairways

The Uniform Building Code permits winding stairways in Group R, Division 3 Occupancies and private stairways in Group R, Division 1 Occupancies under the following conditions:

A. Section 1006.4 specifies that the required width of run (9 inches) shall be provided at a point not more than 12 inches from the side of the stairway where the treads are narrower, but in no case shall any width of run be less than 6 inches at any point. The width of run which has been established must be consistent at each winding tread.

B. Compliance with all other provisions of Section 1006, such as requirements for headroom, handrails, landings, and tread rise, is required.

Figure 1 shows the minimum tread dimensions which conform to the above conditions.

II. Spiral Stairways

Spiral stairways are permitted in Group R, Division 3 Occupancies and private stairways within Group R, Division 1 Occupancies under the following conditions:

A. When used as a required exit stairway, the area served is limited to 400 square feet.

B. Treads must provide a clear walking area measuring at least 26 inches from the outer edge of the supporting column to the inner edge of the handrail.

C. A run of at least $7\frac{1}{2}$ inches shall be provided at a point 12 inches from where treads are the narrowest.

D. The rise of every step shall not exceed $9\frac{1}{2}$ inches.

E. The rise must be sufficient to provide 6 feet 6 inches of headroom.

F. Compliance with all other provisions of Section 1006, such as requirements for handrails and landings, is required.

Figure 2 shows the minimum tread dimensions which conform to the above conditions.

Figure 1/Winding stairways

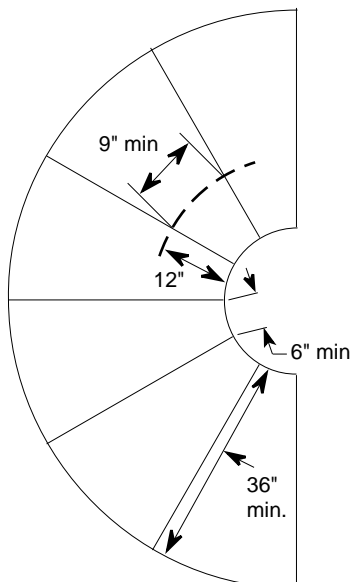


Figure 2/Spiral stairways

